



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

July 29, 2014

Mr. Brian Greene
Solid State Devices Inc.
14701 Firestone Blvd.
La Mirada, CA 90631

Dear Mr. Greene:

Re: Notification of Qualification Extension, MIL-PRF-19500P, Amend 1, FSC 5961; VQ (VQE-14-028363); CAGE Code: 30043; Ctrl # 043623

Qualification by extension of your products are granted under the current issue of the specification as a result of successful qualification testing of device type JANS1N7068 as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Amendment 1, Semiconductor Devices, FSC 5961, and performance specification /768, Revision A. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 28, 2014. The starting lot date code is 1332.

The qualification lot thermal impedance conditions and upper limit is as follows (subject to change after 5 lots with approval of the qualifying activity):

Package	I _M	I _H	t _H	t _{MD}	Z _{ΘJX}
US	10 mA	30 A	65 msec	70 μs	1.34°C/W max
Axial	10 mA	30 A	65 msec	70 μs	1.6°C/W max

Government Designation	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf Spec	Lead Finish	Manufacturer Name & Address
S 1N7066 through 1N7068;US	3A	CDVL	19500-4221-14	/768	J	Same as above

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

S Includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report numbers 19500-4221-14 for your die and package, 19500-4106-14 for your group C & E data, 19500-4222-14 for your US package, your letter dated May 23, 2014, and subsequent emails with data is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions, please contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

